

Manish Shrivastav

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OBJECTIVE

Detail-oriented Software Engineer with extensive experience in .NET development, C#, and ASP.NET. Proven expertise in developing and optimizing web portals for document management and auditing, with a strong track record in implementing RESTful APIs and leveraging Azure DevOps for CI/CD. Adept at integrating vendor applications and managing data exchanges to enhance system functionality. Seeking to apply my skills at Berkley Technology Services to drive innovation and efficiency in premium audit and loss control tools.

EXPERIENCE

Dec. 2023-Jul. 2024 **Corteva Agriscience.**

Johnston, IA

Software Engineer

- **Developed and enhanced web portals** for document management and user interaction using HTML, CSS, and JavaScript, which improved functionality and user experience.
- **Designed and implemented RESTful APIs** to support seamless data exchange between application components, crucial for handling document reviews and audit processes.
- **Collaborated with cross-functional teams** to deliver features that address business needs, including managing agent access and ensuring accurate data review.
- **Optimized SQL Server databases** for high-performance data handling, supporting efficient document management and auditing functions.
- **Implemented Azure DevOps CI/CD pipelines** to streamline the deployment of updates and new features, improving the efficiency of software delivery and integration processes.

Dec. 2022- Dec. 2023 **Corteva Agriscience.**

QA Engineer

- **Developed and executed test plans** focused on document management and audit tools, ensuring accurate and reliable processing of land acreage, planting, and harvesting data.
- **Analyzed and reported on data quality trends**, providing insights that supported the enhancement of audit processes and accurate data management.
- **Documented technical specifications and software designs**, ensuring clear communication and understanding of system functionalities related to audit and document management.

Jan. 2020-Feb.2022 **Benekiva**

Des Moines, IA

Machine Learning Engineer

- **Developed and implemented machine learning models** to analyze data and address business challenges, including improving data accuracy and system performance.
- **Created Python-based solutions** for data preprocessing and algorithm testing, contributing to the development of tools for efficient data handling and analysis.
- **Managed version control using Git**, ensuring reproducibility and collaboration on machine learning projects, which supported reliable data-driven decision-making.

EDUCATION

2016-2022 **IOWA STATE UNIVERSITY**

Ames, IA

Ph.D. in Agricultural Engineering

Minor in Statistics

TECHNICAL SKILLS

Languages: C# (Proficient), .NET (.NET Framework, .NET Core, ASP.NET), Python (Proficient)

RESTful APIs: Design Patterns

Frontend Technologies: HTML, CSS, JavaScript

Version Control: Git

Database Technologies: SQL Server, PostgreSQL

Azure DevOps: CI/CD methodologies, Automation, Scripting, Monitoring

Frameworks: Experience with Angular

Software Development Life Cycle: Full SDLC experience including development, code review, documentation, and unit testing

CERTIFICATIONS

- C# Master Course, 2021, Provider: iamtimcorey.com
- ASP.NET Core From Start to Finish, 2022, Provider: iamtimcorey.com
- Web API From Start to Finish, 2022, Provider: iamtimcorey.com
- Web Development Mastercourse, 2023, Provider: iamtimcorey.com
- DevOps From Start to Finish, 2023, Provider: iamtimcorey.com

OTHER

- Languages: Nepali (Native), English (Proficient).
- Affiliations: Member - Nepalese Student Association, Iowa State University
 (*Organizing cultural events*).
 Member of Alpha Epsilon, Iowa State University